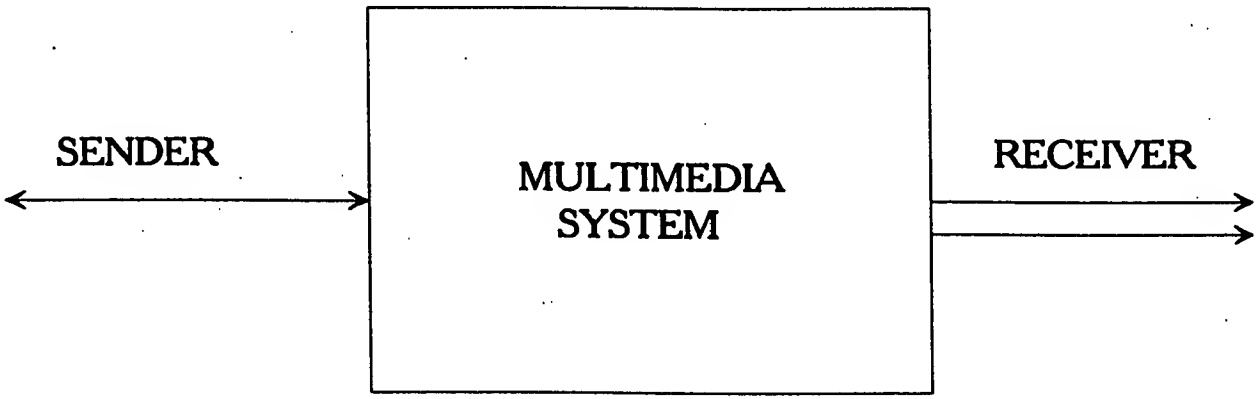

10

PRIOR ART

FIGURE 1

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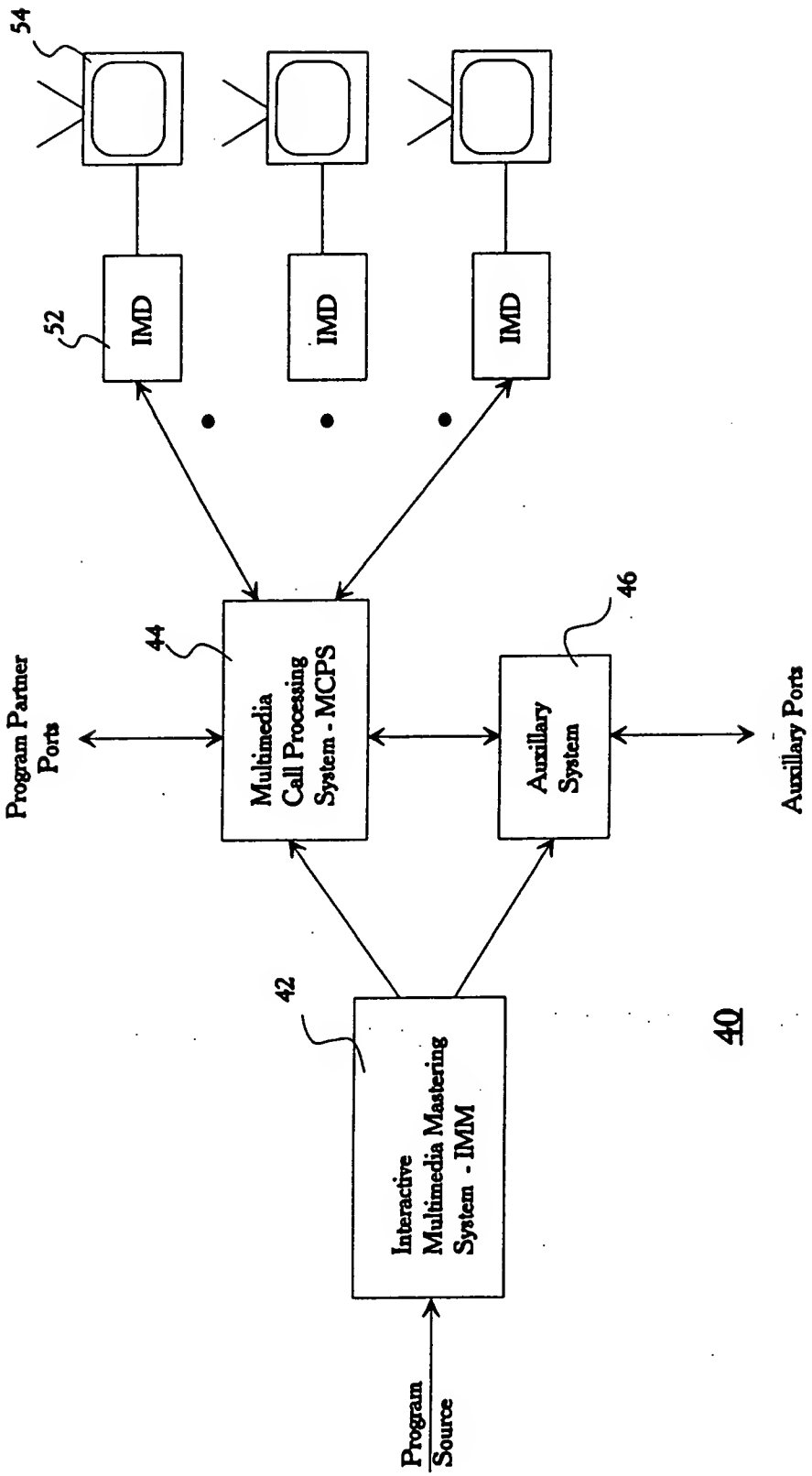

54
IMD
52
IMD
IMD
44
Multimedia Call Processing System - MCPS
46
Auxiliary System
Program Partner Ports
Auxiliary Ports
42
Interactive Multimedia Mastering System - IMM
Program Source
40

FIGURE 2

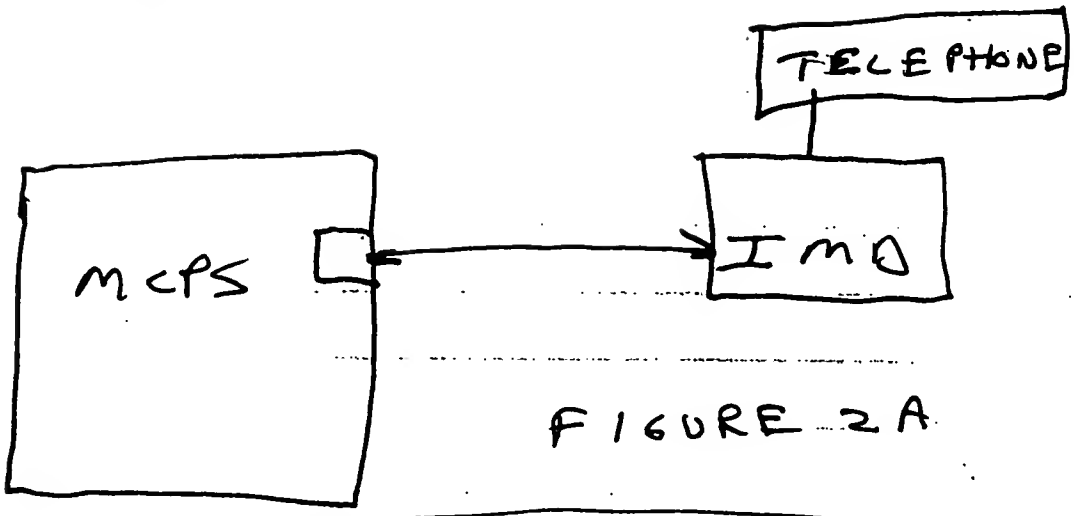


FIGURE 2A

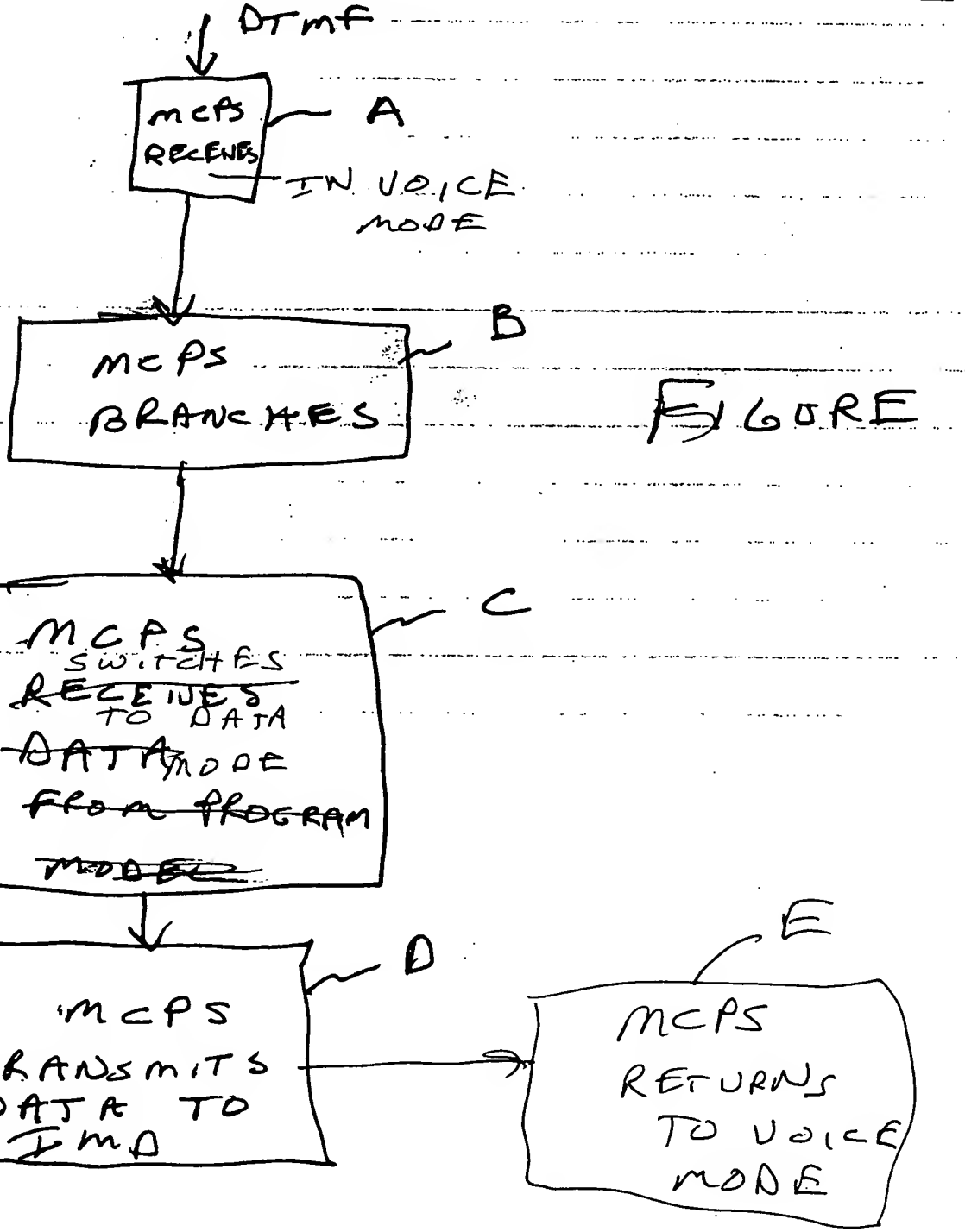


FIGURE 2A

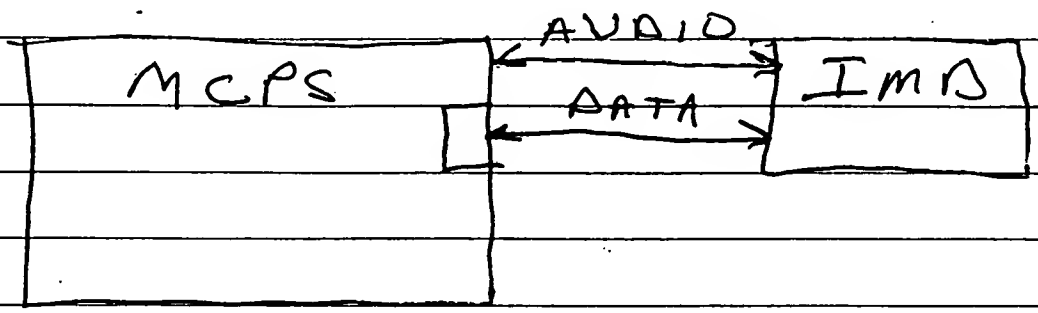


FIGURE 2B

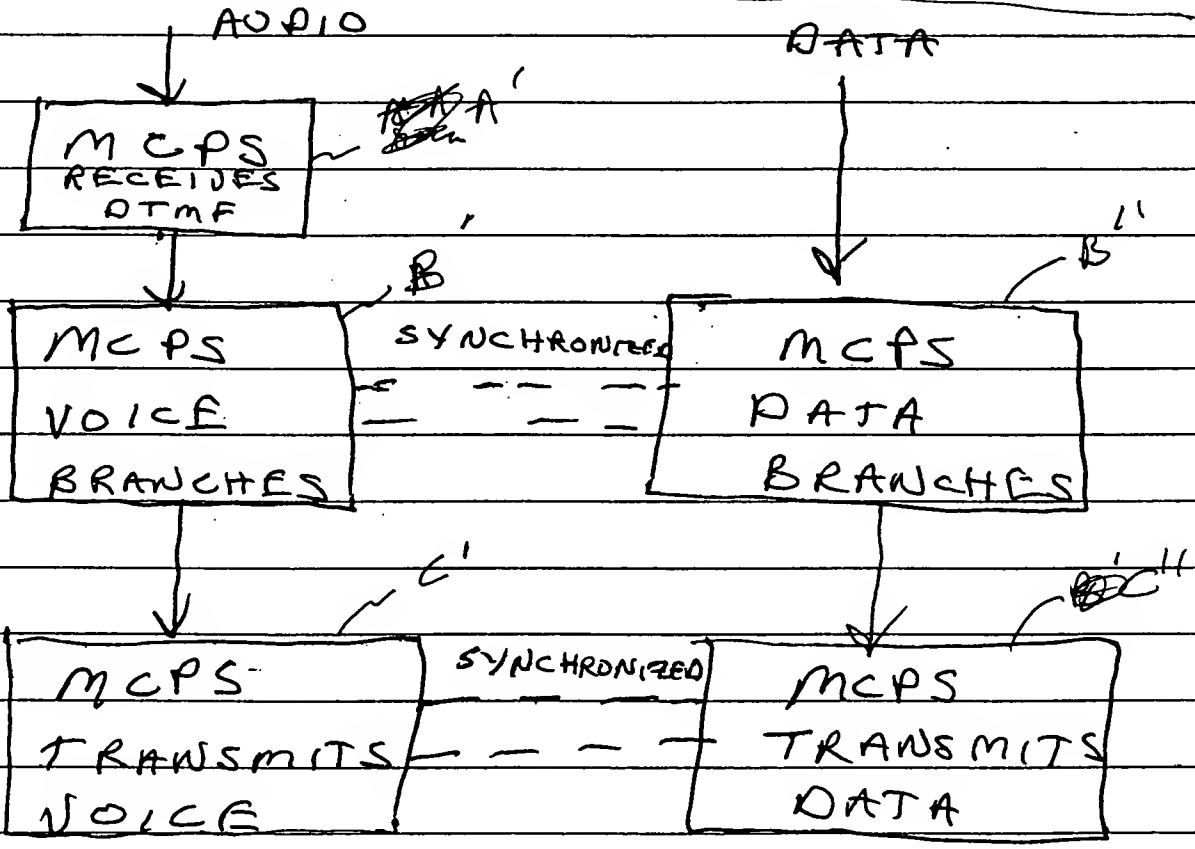


FIGURE 2B'

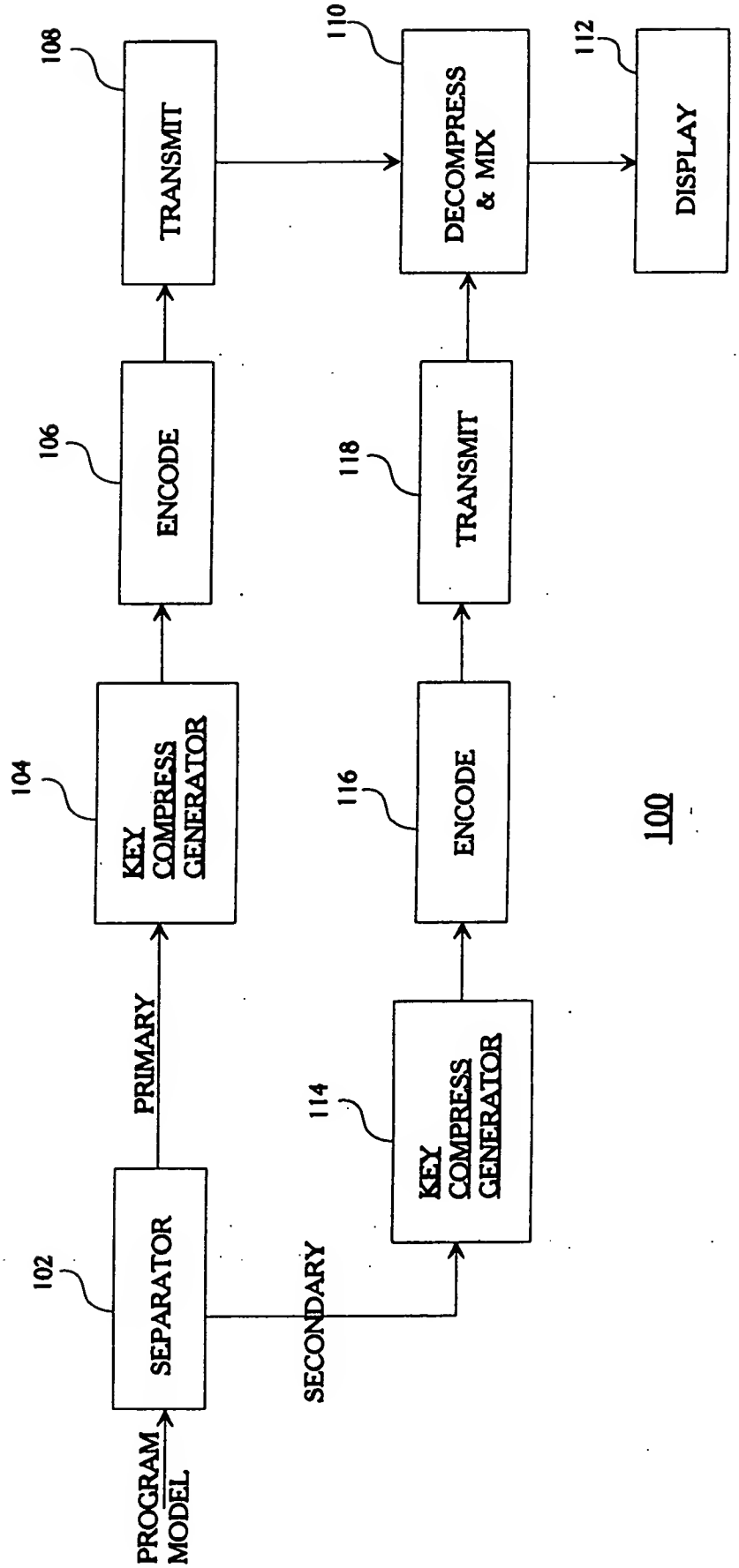

PROGRAM MODEL
102
SEPARATOR
PRIMARY
SECONDARY
104
KEY COMPRESS GENERATOR
106
ENCODE
108
TRANSMIT
114
KEY COMPRESS GENERATOR
116
ENCODE
118
TRANSMIT
110
DECOMPRESS & MIX
112
DISPLAY
100

FIGURE 3

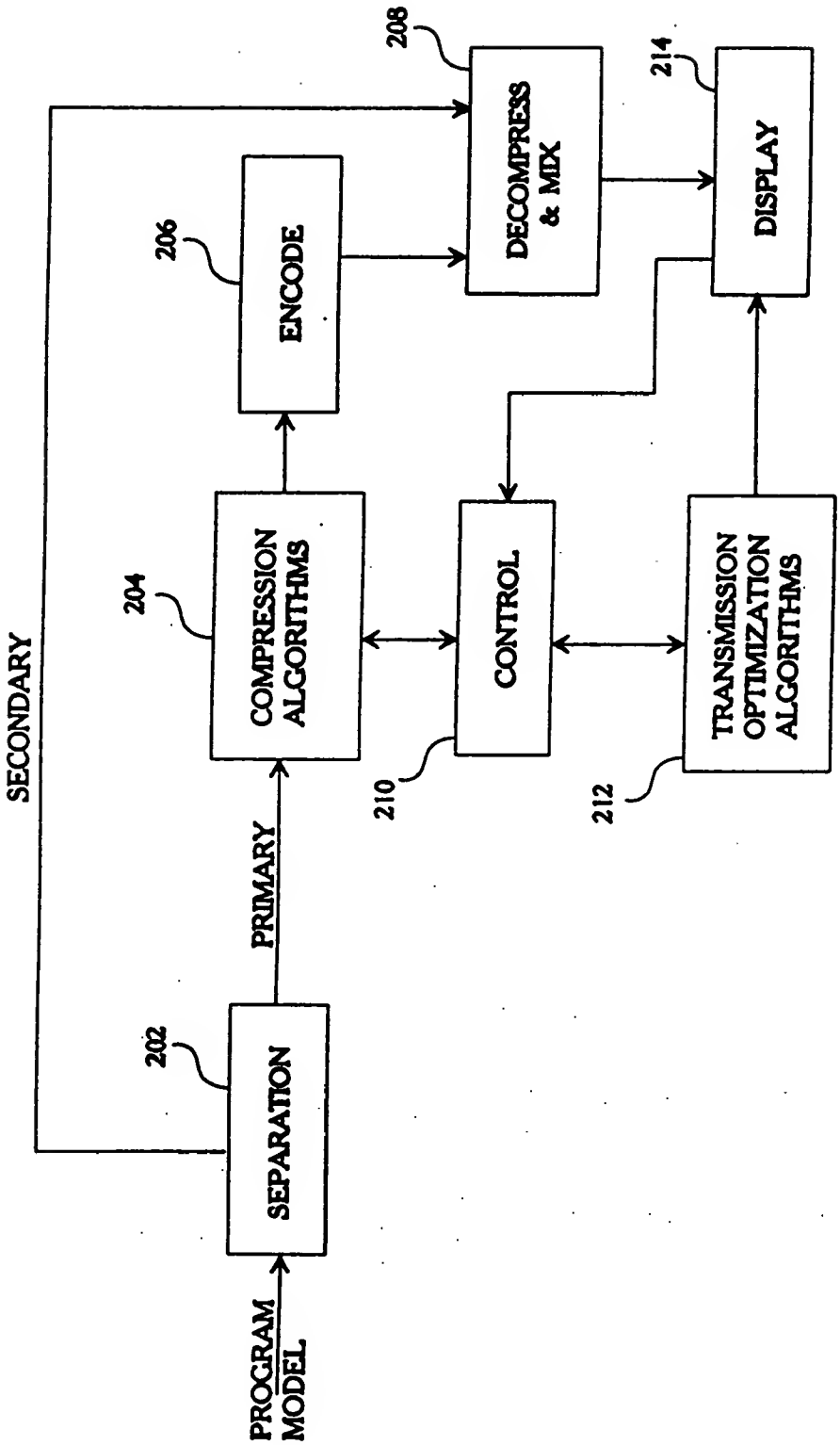

PROGRAM MODEL
SEPARATION
202
PRIMARY
SECONDARY
COMPRESSION ALGORITHMS
204
ENCODE
206
DECOMPRESS & MIX
208
CONTROL
210
TRANSMISSION OPTIMIZATION ALGORITHMS
212
DISPLAY
214
200

FIGURE 4

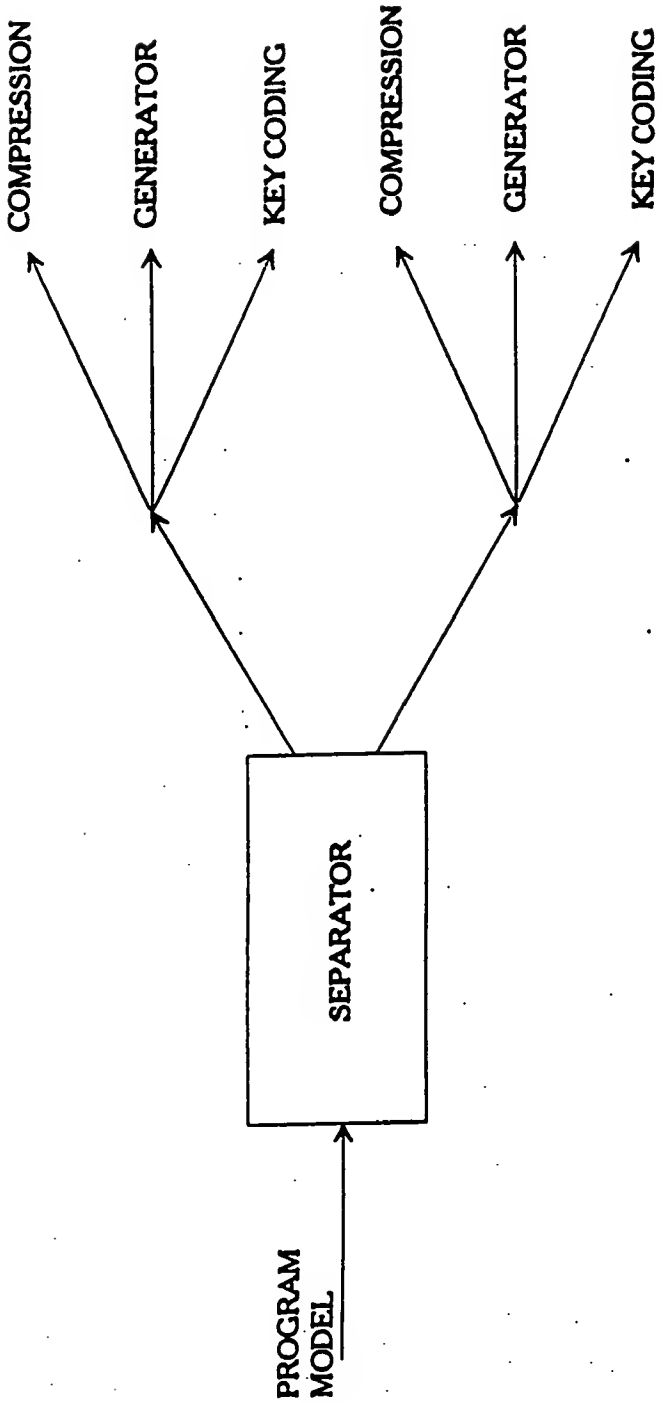

COMPRESSION
GENERATOR
KEY CODING
COMPRESSION
GENERATOR
KEY CODING
SEPARATOR
PROGRAM MODEL

FIGURE 5

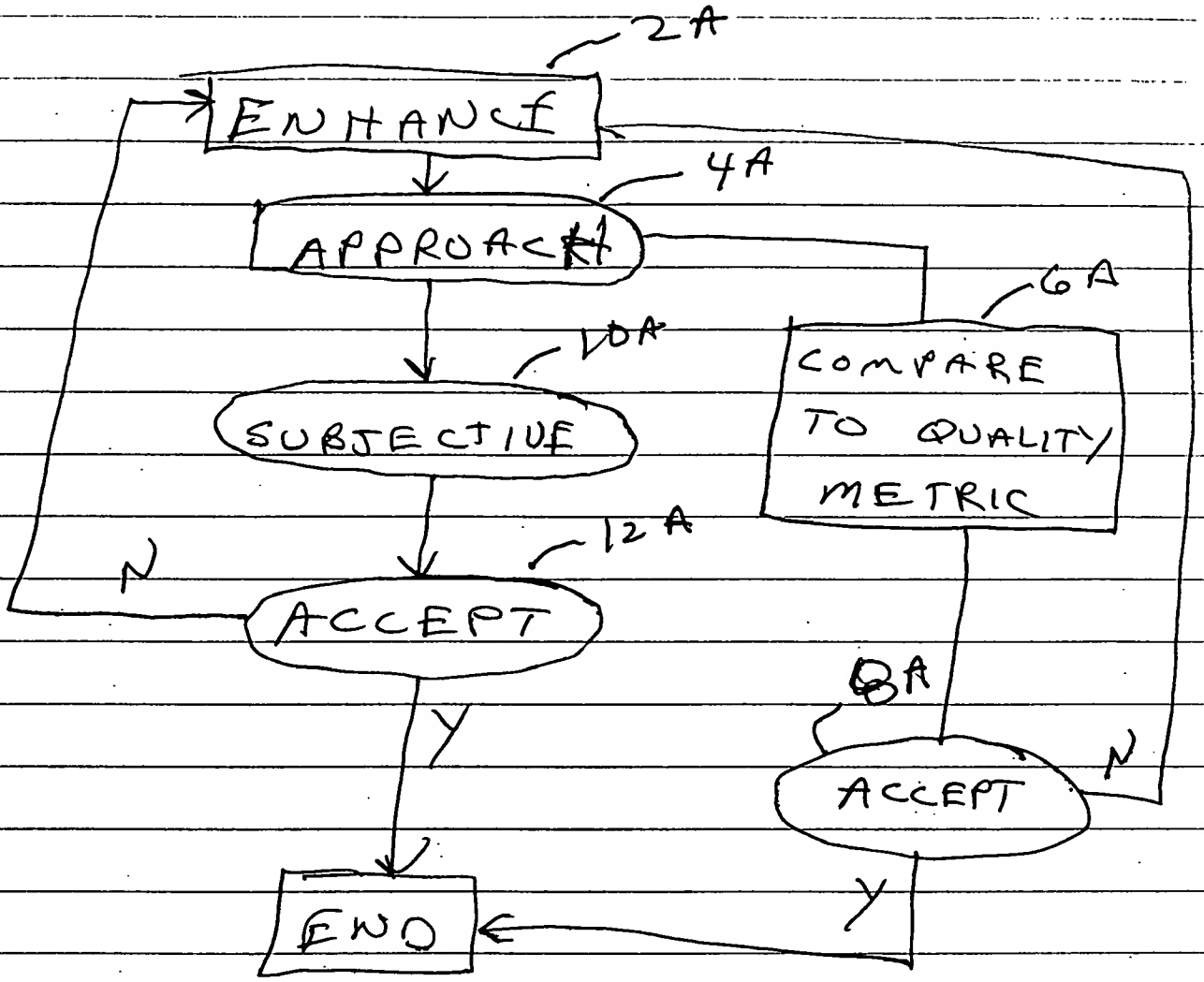

2A
ENHANCE
4A
APPROACH
6A
COMPARE TO QUALITY METRIC
10A
SUBJECTIVE
12A
N
ACCEPT
Y
8A
ACCEPT
N
Y
END

FIGURE 5A

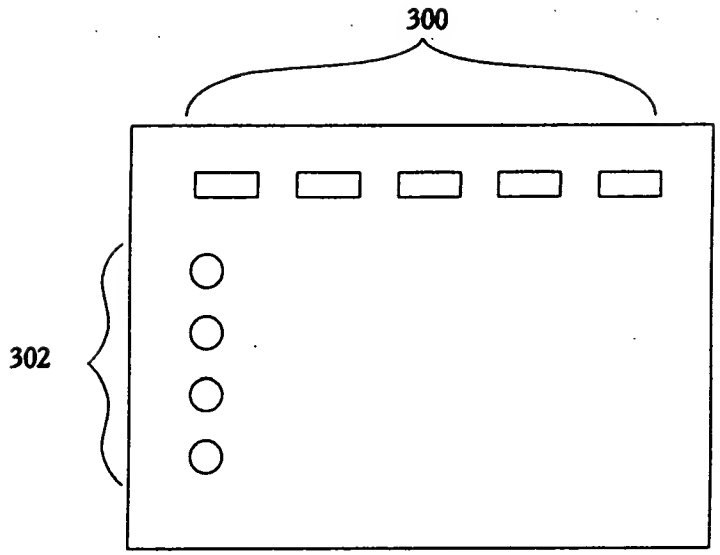


FIGURE 6

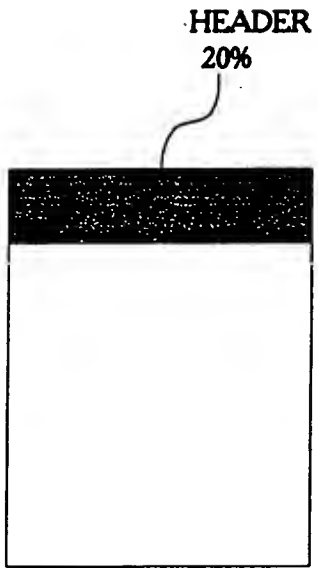
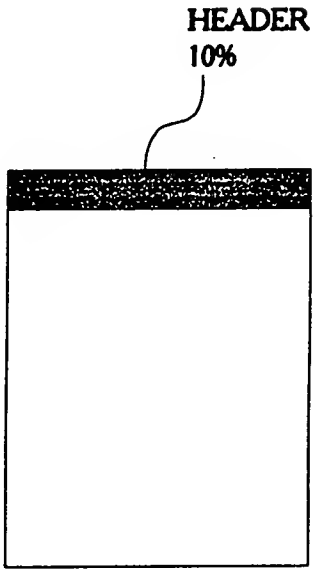


IMAGE FILE

FIGURE 7a



MIDI FILE

FIGURE 7b

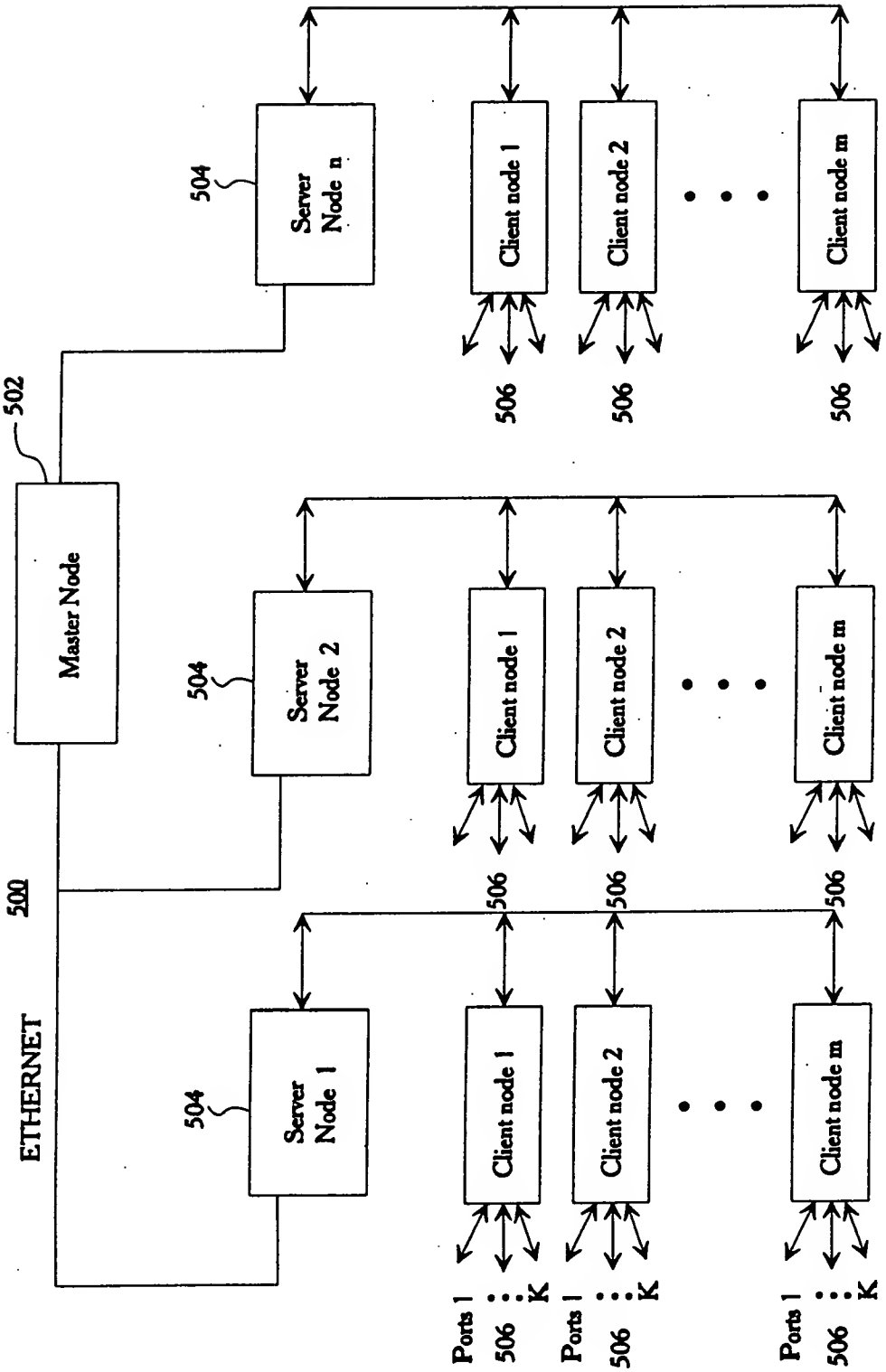

ETHERNET
500
Master Node
502
Server Node 1
Server Node 2
Server Node n
504
Client node 1
Client node 2
Client node m
506
Ports 1 : : K

FIGURE 8

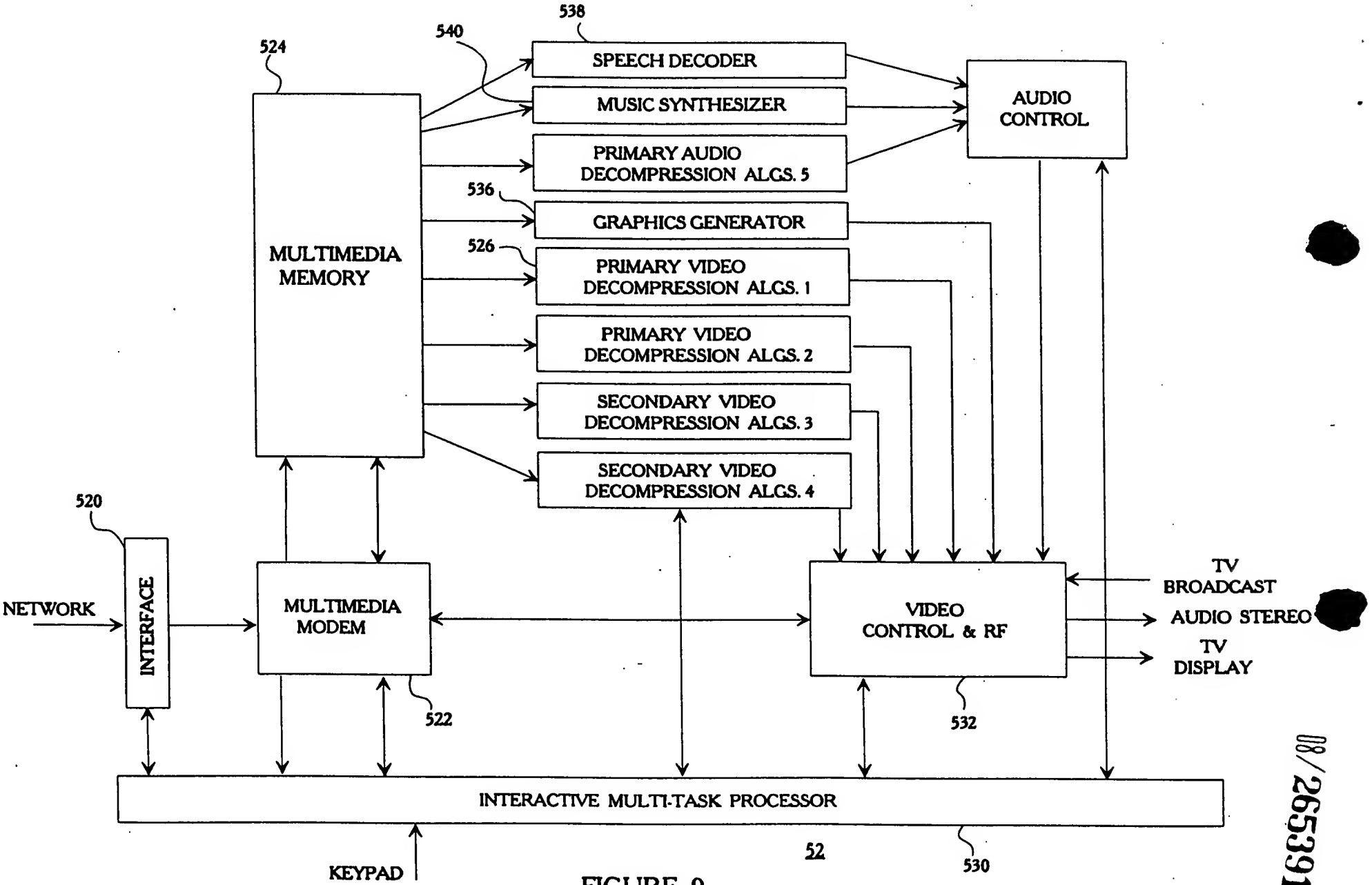


FIGURE 9

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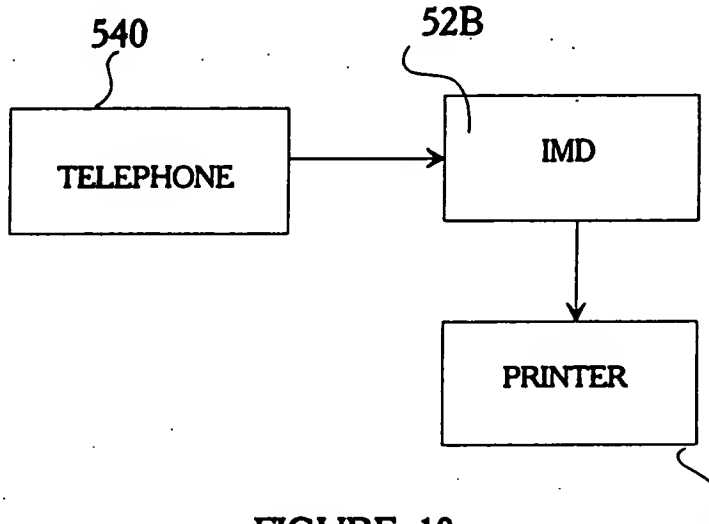

FIGURE 10

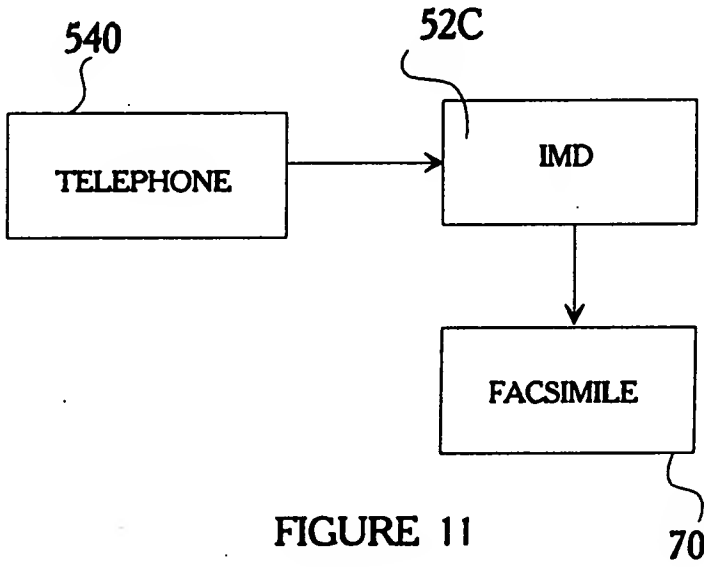

FIGURE 11

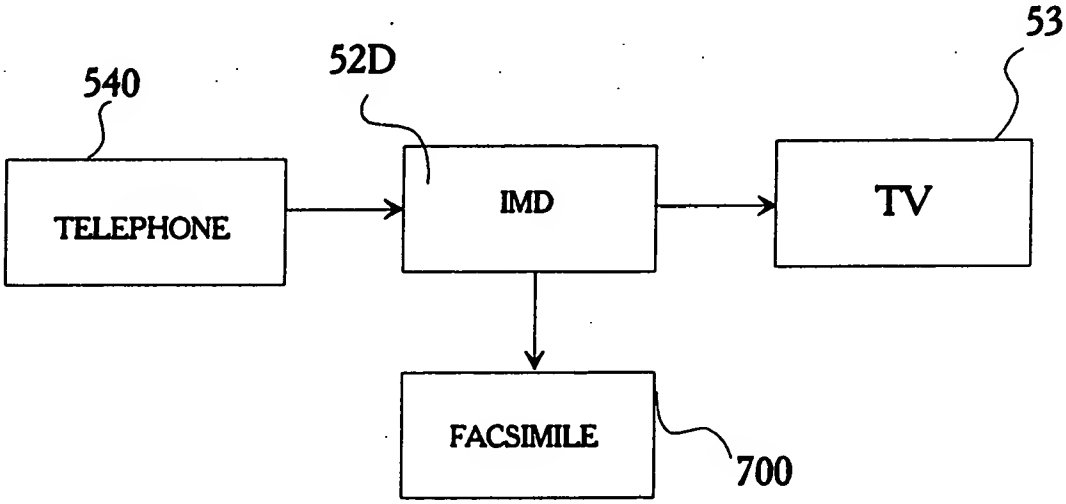

FIGURE 12

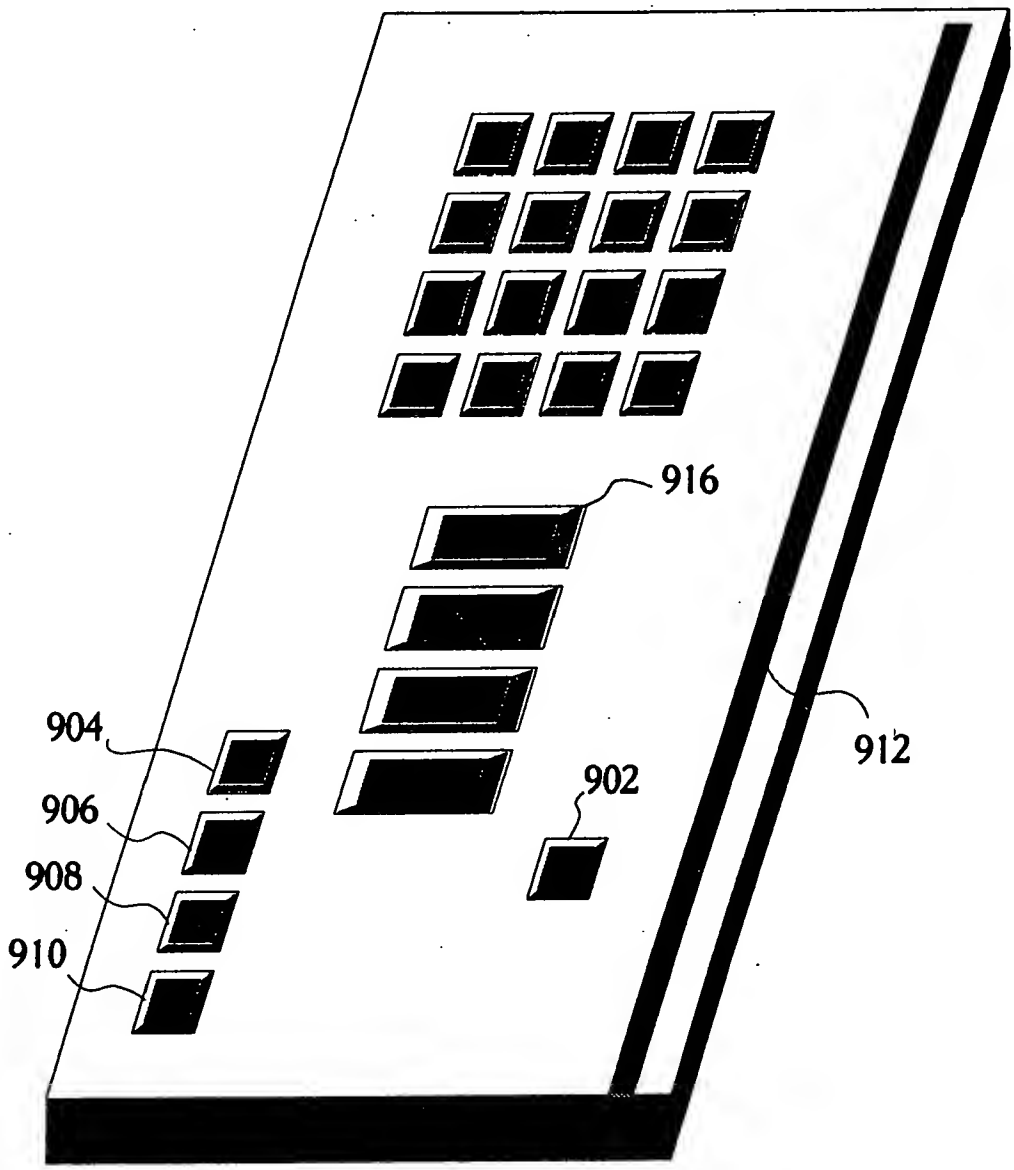

FIGURE 13